Q1 - Describe this code line-by-line.		Full name
<pre>1 first_name = ["Pierre", "Pa 2 last_name = "Paillard" 3 puts "Great! #{first_name}</pre>		
1. 2. 3.		
Q2 - What's a constructor initialize	? When is it called and w	/hat's its purpose?
Q3 - Consider this code. What's the diffe	erence between string	and String?
1 string = String.new("Hello	World")	
Q4 - What does this method do?		
<pre>1 def mystery_method(pets) 2 mammal_pets = [] 3 for pet in pets 4 mammal_pets << pet if pend 5 end 6 return mammal_pets 7 end</pre>	pet. mammal?	
p		
Q5 - Re-implement previous method my	vstery_method using a r	nice iterator instead.

Anim		the class of the elements of the `pets` array according to you? Implement the class in a constructor and an instance method `mammal?` so that it works with the ethod`.
Q7 -	Write a	class Dog which inherits from Animal. What should be its `mammal?` method?
		special with the overview method? Is it a class method or an instance method? on with swim.
1	class	Fish
2		self.overview()
3		eturn "Fishes can live in the sea"
4	end	
5 6		swim I'm swimming
7	end	
8	end	
P		
Q9 -	Please,	write some code calling both methods overview and swim.

Q10 - Let's define 2 classes, Liquid and Alcohol.

```
1 class Liquid
2
   def drink
     puts "You drank some liquid"
3
4
   end
5
   def evaporate
     puts "There is no more liquid"
6
7
     end
8 end
9
10 class Alcohol < Liquid
   def drink
11
12
     puts "You are now drunk"
   end
13
14 end
```

What is printed line 2 and 3 of the following ruby script?

```
beer = Alcohol.new
beer.drink
beer.evaporate
```

```
2.
3.
```

```
1 class Liquid
2
   def drink
puts "You drank some liquid"
4 end
   def evaporate
5
     puts "There is no more liquid"
6
7
     end
8 end
9
10 class Alcohol < Liquid
   def drink
11
12
     super
     puts "You are now drunk"
13
14
     end
15 end
```

Same question with this new drink method. What is printed on line 2 and 3.

```
1 beer = Alcohol.new
2 beer.drink
3 beer.evaporate
```

```
2.
3.
```
